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**Title:** CN1233054A: MAGNETIC HEAD  
**Country:** CN China  
**Kind:** A Unexamined APPLIC. open to Public inspection  
**Inventor:** SATO SHUJI; Japan  
**Assignee:** ALPS ELECTRIC CO., LTD. Japan  
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**Published / Filed:** 1999-10-27 / 1999-02-09  
**Application Number:** CN19991999991005  
**IPC Code:** G11B 21/16;  
**ECLA Code:** None  
**Priority Number:** 1998-02-17 JP1998199834510  
**INPADOC Legal Status:** None [Get Now: Family Legal Status Report](#)



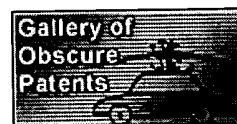
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Family:

PDF	Publication	Pub. Date	Filed	Title
	US20010021085A1	2001-09-13	1999-02-08	MAGNETIC HEAD
	US6307714	2001-10-23	1999-02-08	Magnetic head
<input checked="" type="checkbox"/>	JP11232811A2	1999-08-27	1998-02-17	MAGNETIC HEAD
<input checked="" type="checkbox"/>	CN1233054A	1999-10-27	1999-02-09	MAGNETIC HEAD
4 family members shown above				

Other Abstract  
Info:

DERABS G1999-534265



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